

2631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

RENAT VAFIN ET AL.

Serial No. 10/003,052

Filed: NOVEMBER 2, 2001

Title: CODING SIGNALS

Honorable Commissioner for Patents
Washington, D.C. 20231



Atty. Docket

NL 010529

Group Art Unit: 2631

RECEIVED
APR 11 2002
Technology Center 2600

LETTER

Sir:

Pursuant to the duty of disclosure set forth in 37 CFR 1.56, Applicant calls to the attention of the Patent and Trademark Office a Search Report issued abroad in reference to a corresponding foreign application. A copy of the Search Report dated March 27, 2002 is attached.

The enclosed document is being called to the attention of the Patent and Trademark Office solely to comply with the duty of disclosure set forth in 37 CFR 1.56 and is not intended to be construed as an admission by the Applicants that any of the documents listed is material.

Respectfully submitted,

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:	
Commissioner of Patents and Trademarks Washington, D.C. 20231	
Date:	<u>April 4, 2002</u>
By:	<u>Natalie DeMazuz</u>

By Jack D. Slobod
Jack D. Slobod, Reg. 26,236
Attorney
(914) 333-9606
April 2, 2002
Encl. Search Report

C:\WP\ASEARCH.SL.DOC

From the INTERNATIONAL SEARCHING AUTHORITY

PCTNOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

To:

INTERNATIONAAL OCTROOIBUREAU B.V.
Attn. Groenendaal, Antonius W
Prof. Holstlaan 6
NL-5656 AA Eindhoven
NETHERLANDS

ELEV

26 MARCH 2002

Date of mailing
(day/month/year)

27/03/2002

Applicant's or agent's file reference

PHNL010529W0

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/EP 01/12423

International filing date
(day/month/year)

25/10/2001

Applicant

KONINKLIJKE PHILIPS ELECTRONICS N.V.

- 1.
- ☒
- The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.**Where?** Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

- 2.
- ☐
- The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

- 3.
- ☐
- With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

- 4.
- Further action(s):**
- The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau.

If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority

European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Mark Quinn

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHNL010529W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 01/ 12423	International filing date (day/month/year) 25/10/2001	(Earliest) Priority Date (day/month/year) 03/11/2000
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PARAMETRIC CODING OF AUDIO SIGNALS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03M7/30 G10L21/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03M G10L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PUERNHAGEN H: "Advances in parametric audio coding", APPLICATIONS OF SIGNAL PROCESSING TO AUDIO AND ACOUSTICS, 1999 IEEE WORKSHOP ON NEW PALTZ, NY, USA 17-20 OCT. 1999, PISCATAWAY, NJ, USA, IEEE, US, PAGE(S) 31-34 XP010365061 ISBN: 0-7803-5612-8</p> <p>page 32, left-hand column, paragraph 2.4</p> <p>---</p> <p>-/--</p>	1-26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

20 March 2002

Date of mailing of the international search report

27/03/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gerdes, R

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SINHA D ET AL: "Low bit rate transparent audio compression using a dynamic dictionary and optimized wavelets" , STATISTICAL SIGNAL AND ARRAY PROCESSING. MINNEAPOLIS, APR. 27 - 30, 1993, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP), NEW YORK, IEEE, US, VOL. VOL. 4, PAGE(S) 197-200 XP010110330 ISBN: 0-7803-0946-4 page I-200, left-hand column, paragraph 3</p> <p style="text-align: center;">---</p>	1-26
A	<p>LEVINE S N ET AL: "Improvements to the switched parametric and transform audio coder" , APPLICATIONS OF SIGNAL PROCESSING TO AUDIO AND ACOUSTICS, 1999 IEEE WORKSHOP ON NEW PALTZ, NY, USA 17-20 OCT. 1999, PISCATAWAY, NJ, USA, IEEE, US, PAGE(S) 43-46 XP010365091 ISBN: 0-7803-5612-8 page 43, right-hand column, paragraph 1</p> <p style="text-align: center;">---</p>	1-26
A	<p>US 5 268 685 A (FUJIWARA YOSHIHITO) 7 December 1993 (1993-12-07) column 2, line 45-60</p> <p style="text-align: center;">---</p>	1-26
A	<p>PAINTER T ET AL: "A review of algorithms for perceptual coding of digital audio signals" , DIGITAL SIGNAL PROCESSING PROCEEDINGS, 1997. DSP 97., 1997 13TH INTERNATIONAL CONFERENCE ON SANTORINI, GREECE 2-4 JULY 1997, NEW YORK, NY, USA, IEEE, US, PAGE(S) 179-208 XP010251044 ISBN: 0-7803-4137-6 page 187, left-hand column page 192, left-hand column, line 1-6 page 198, left-hand column, line 1-7 page 199, left-hand column, line 6-16</p> <p style="text-align: center;">-----</p>	1-26

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5268685	A	07-12-1993	JP	3134338 B2	13-02-2001
			JP	4304029 A	27-10-1992
			KR	241498 B1	01-02-2000
<hr/>					